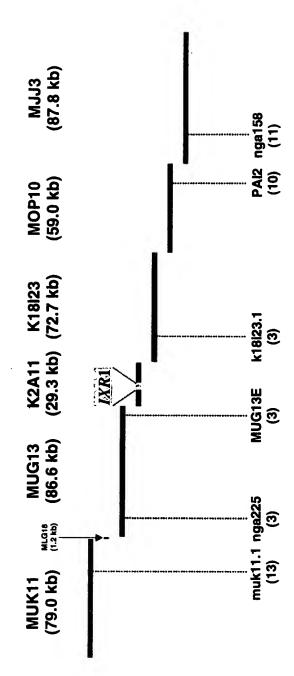
Figure 1: Map position of IXR1 gene on chromosome 5



begin of polyA-tail in Athe @ 10800 real 10,501 on KEA11 stop codon (11001-10999) G(11204)A Gly(998)Asp R10 (10887) C(11372)T Thr(942)IIe |X| **ix1-2** 9 (11310) ٧ F10 (11514) R8 (11785) fragment C F9 (11939) (1) G GACTC GCGCGC CTGCAG GTCGAC ACTAGT GGATCC AAA GAATTC G CGGCCG C GTCGAC TACGGCTGCGAGAAGACGACAGAAGG GGATCC (91) R7 (12212) F8 (12415) sequence of the first 91 nucleotides of the Ath-B mRNA (restriction enzyme sites are shown in italics) R6 (12709) F7 (12893) R5 (13272) F6 (13356) fragment B R3 (14113) R4 (13738) F5 (13861) F4 (14294) R2 (14688) F3 (14726) fragment A R1 (15269) F2 (15269) homologous in Ath-A and Ath-B mRNA but not present in K2A11 ٧ start codon (15688-15686) UTR homologous to Ath-B mRNA MCS in Alth A and Alth B mRNA coding sequence (exon) F1 (15721) MCS in Ath-B mRNA 1" common rucleo- F1 dde In Ath-B mRNA and K2A11@ 15966 not analyzed PLASX 00 002,01 in

Figure 2: Structure of IXR1 Gene on BAC Clone K2A11